

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FI 03/00025A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05C5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B05C B05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 31 02 132 A (PHOENIX AG) 26 August 1982 (1982-08-26)	1-4,6,8, 9,11,13, 15
A	claims 1-3; figures 1,2 abstract --- -/-	5,7,10, 12,14, 16-20

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

9 April 2003

Date of mailing of the international search report

29. 04. 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 667 258 A (NEWTON CLIFFORD) 6 June 1972 (1972-06-06) column 1, line 55 -column 2, line 30 column 3, line 55 -column 4, line 4; claims 1,2; figures 1-3 abstract	1-3,5, 8-10,12, 17
A	---	4,6,7, 11, 13-16, 18-20
P,X	EP 1 209 274 A (VOITH PAPER PATENT GMBH) 29 May 2002 (2002-05-29) claims 1-39; figures 1-10 abstract	1-20
P,X	---	1-20
	US 2002/066404 A1 (MENDEZ-GALLON BENJAMIN ET AL) 6 June 2002 (2002-06-06) claims 1-23; figure 1 abstract	1-20
A	---	1-20
	DE 93 02 905 U (KUESTERS EDUARD MASCHF) 30 June 1994 (1994-06-30) claims 1-10; figures 1-5	1-20
A	---	1-20
	US 5 277 041 A (AHRWEILER KARL-HEINZ ET AL) 11 January 1994 (1994-01-11) claims 1-18; figures 1-6 abstract	1-20
A	---	1-20
	DE 33 33 592 A (BRUECKNER APPARATEBAU GMBH) 18 April 1985 (1985-04-18) claims 1-8; figure 1 abstract	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP88/00025

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3102132	A	26-08-1982	DE 3102132 A1	26-08-1982
US 3667258	A	06-06-1972	BE 758949 A1	13-05-1971
			DE 2055952 A1	27-05-1971
			ES 385517 A1	16-03-1973
			FR 2069303 A5	03-09-1971
			GB 1279814 A	28-06-1972
			JP 49011357 B	16-03-1974
			NL 7016422 A	17-05-1971
			SE 380840 B	17-11-1975
			ZA 7007536 A	28-07-1971
EP 1209274	A	29-05-2002	DE 10057734 A1	23-05-2002
			DE 10057732 A1	23-05-2002
			EP 1209274 A2	29-05-2002
US 2002066404	A1	06-06-2002	DE 10057729 A1	23-05-2002
			EP 1208917 A2	29-05-2002
			JP 2002192047 A	10-07-2002
DE 9302905	U	30-06-1994	DE 9302905 U1	30-06-1994
			BE 1009167 A5	03-12-1996
US 5277041	A	11-01-1994	DE 4015946 A1	21-11-1991
			CA 2083144 C	25-03-1997
			WO 9118140 A1	28-11-1991
			DE 59101166 D1	14-04-1994
			EP 0517866 A1	16-12-1992
			JP 5503741 T	17-06-1993
DE 3333592	A	18-04-1985	DE 3333592 A1	18-04-1985